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**To:eric Culbreth
Location:3A69
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Wednesday, December 14, 2005**

Case Serial Number: 09/335377

**From: Etelka R. Griffin
Location: EIC 3600
KNOX/4B68
Phone:571-272-4230**

Etelka.griffin@uspto.gov

Search Notes

LITIGATION-5639119

1 / 1 PLUSPAT - EQUESTEL-ORBIT - image

Patent Number :

US5639119 A 19970617 [US5639119]

Title :

(A) Forklift stabilizing apparatus

Patent Assignee :

(A) TRAK INTERNATIONAL INC (US)

Patent Assignee :

Trak International, Inc., Port Washington WI (US)

Inventor(s) :

(A) BARGENQUAST J SCOTT (US); WEBER TERRY A (US); PLATE JOHN R (US)

Application Nbr :

US35021694 19941205 [1994US-0350216]

Filing Details :

Divsn of US986145 19921204 [1992US-0986145] (Abandoned)

Priority Details :

US35021694 19941205 [1994US-0350216]

US98614592 19921204 [1992US-0986145]

Intl Patent Class :

(A) B60R-027/00

EPO ECLA Class :

B60G-009/02

B60G-017/005

B62D-049/08

B66F-009/065T

E02F-009/22V

EPO ICO Class :

L60G-200/322

L60G-202/413

L60G-202/414

L60G-204/128

L60G-204/46

L60G-204/4605

L60G-300/022

L60G-300/06

L60G-300/07

L60G-300/09

L60G-400/61

US Patent Class :

ORIGINAL (O) : 280754000; CROSS-REFERENCE (X) : 280006154 280124112

280755000 280DIG001

Document Type :

Basic

Citations :

US1371648; US3976302; US4152000; US4264014; US4393959; US4705295;

US4975849; DE2654425; JP183307; SU629092

Publication Stage :

(A) United States patent

Abstract :

Disclosed herein is a vehicle including a frame, and a stabilizer apparatus including a pressure source, first and second fluid-actuated stabilizer assemblies connected respectively to the front and rear axles shiftably moveable on the frame, one of the first and second stabilizer assemblies normally being locked against extension and contraction in the absence of pressurization thereof by the pressure source, and the other of the first and second stabilizer assemblies normally being free to extend and contract in the absence of pressurization thereof by the pressure source, a hydraulic circuit connected between the pressure source and the first and second fluid activated stabilizer assemblies and including a flow controller operable between a first mode wherein the pressure source is disconnected from the first and second stabilizer assemblies, whereby the one of the stabilizer assemblies is locked

against extension and retraction, thereby locking the axle connected thereto against shifting movement relative to the frame, and whereby the other of the stabilizer assemblies is free to extend and retract, thereby permitting shifting movement relative to the frame of the axle connected thereto, and a second mode wherein the pressure source is selectively connectible to the first and second stabilizer assemblies for selective pressurization thereof by the pressure source so as to selectively extend and retract the first and second stabilizer assemblies.

1 / 1 LGST - @EPO

Patent Number :

US5639119 A 19970617 [US5639119]

Application Number :

US35021694 19941205 [1994US-0350216]

Action Taken :

19960823 US/AS99-A

OTHER ASSIGNMENTS

TRAK INTERNATIONAL, INC. 369 WEST WESTERN AVENUE PORT WASHINGTON, WISCONSIN 5307 * FIRSTAR FINANCIAL SERVICES, A DIVISION OF FIRSTAR NATIONAL BANK, AS AGENT FOR IT : 19960816 OTHER CASES: NONE; TERMINATION OF SECURITY INTEREST, MORTGAGE, AND LICENSE AND

19960926 US/AS26-A

SECURITY AGREEMENT

OWNER: BOATMEN'S NATIONAL BANK OF ST. LOUIS, AS AGENT, TH; EFFECTIVE DATE: 19960816

19960926 US/AS26-A

SECURITY AGREEMENT

OWNER: TRAK INTERNATIONAL, INC.; EFFECTIVE DATE: 19960816

19971201 US/AS06-A

SECURITY INTEREST

OWNER: WOOLSEY, GEORGE FIRST UNION NATIONAL BANK 301 SOUT; EFFECTIVE DATE: 19971117

19971201 US/AS06-A

SECURITY INTEREST

OWNER: TRAK INTERNATIONAL, INC.; EFFECTIVE DATE: 19971117

19990810 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 19990617

20000516 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 19990617

20030923 US/AS-A

ASSIGNMENT

OWNER: JLG ACQUISITION CORPORATION (DELAWARE) 13224 FOUNTA; EFFECTIVE DATE: 20030801

ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR: TRAK INTERNATIONAL, INC. (DELAWARE); REEL/FRA: 013998/0038

20031003 US/AS-A

ASSIGNMENT

OWNER: JLG OMNIQUIP, INC. (DELAWARE) 13224 FOUNTALNHEAD P; EFFECTIVE DATE: 20030801

CHANGE OF NAME; ASSIGNOR: JLG ACQUISITION CORPORATION

(DELAWARE); REEL/FRAME: 014022/0822
Update Code :
2005-11

1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

5,639,119 A 19970617 [US5639119]

Patent Assignee :

Trak International Inc

Actions :

19971201 REASSIGNED
SECURITY INTEREST

Assignor: TRAK INTERNATIONAL, INC. DATE SIGNED: 11/17/1997

Assignee: WOOLSEY, GEORGE FIRST UNION NATIONAL BANK 301 SOUTH COLLEGE
AVE CHARLOTTE NORTH CAROLINA 28288

Reel 008829/Frame 0617

Contact: FEDERAL RESEARCH CORP. JONATHAN SENFT 400 SEVENTH ST., N.W.
SUITE 101 WASHINGTON, D.C. 20004

19990617 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20000516
REISSUE REQUEST NUMBER: 09/335377
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3611

Reissue Patent Number:

19990617 REISSUE REQUESTED
ISSUE DATE OF O.G.: 19990810
REISSUE REQUEST NUMBER: 09/335377
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3611

Reissue Patent Number:

20030923 REASSIGNED
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: TRAK INTERNATIONAL, INC. (DELAWARE), DATE SIGNED: 08/01/2003

Assignee: JLG ACQUISITION CORPORATION (DELAWARE), 13224 FOUNTAINHEAD
PLAZA, HAGERSTOWN, MARYLAND, 21742-2678

Reel 013998/Frame 0038

Contact: DICKSDTEIN SHAPIRO MORIN ET AL., DONALD A. GREGORY, 2101 L
STREET, NW, WASHINGTON, DC 20037

20031003 REASSIGNED

CHANGE OF NAME

Assignor: JLG ACQUISITION CORPORATION (DELAWARE), DATE SIGNED:
08/01/2003

Assignee: JLG OMNIQUIP, INC. (DELAWARE), 13224 FOUNTAINHEAD PLAZA,
HAGERSTOWN, MARYLAND, 21742-2678

Reel 014022/Frame 0822

Contact: DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP, DONALD A. GREGORY, 2101
L STREET, NW, WASHINGTON, DC 20037

1 / 1 INPADOC - @INPADOC

Patent Number :

US 5639119 A 19970617 [US5639119]

Title :

Forklift stabilizing apparatus

Inventor(s) :

PLATE JOHN R [US]; BARGENQUAST J SCOTT [US]; WEBER TERRY A [US]

Patent Assignee (Words) :

TRAK INTERNATIONAL INC [US]

Application Details :

US 350216/94-A 19941205 [1994US-0350216]

Priority Details :

US 350216/94-A 19941205 [1994US-0350216]

US 986145/92-B3 19921204 [1992US-0986145]

Intl. Patent Class. :

B60R-027/00

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19960926 US/AS26-A

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DATE: 19960816

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SECURITY AGREEMENT

OWNER: TRAK INTERNATIONAL, INC.; EFFECTIVE DATE: 19960816

19971201 US/AS06-A

SECURITY INTEREST

OWNER: WOOLSEY, GEORGE FIRST UNION NATIONAL BANK 301 SOUT; EFFECTIVE
DATE: 19971117

19971201 US/AS06-A

SECURITY INTEREST


OWNER: TRAK INTERNATIONAL, INC.; EFFECTIVE DATE: 19971117

19990810 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 19990617

20000516 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 19990617

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OWNER: JLG ACQUISITION CORPORATION (DELAWARE) 13224 FOUNTA; EFFECTIVE
DATE: 20030801
ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNOR: TRAK INTERNATIONAL, INC.
(DELAWARE); REEL/FRAME: 013998/0038

20031003 US/AS-A
ASSIGNMENT
OWNER: JLG OMNIQUIP, INC. (DELAWARE) 13224 FOUNTAINHEAD P; EFFECTIVE
DATE: 20030801
CHANGE OF NAME; ASSIGNOR: JLG ACQUISITION CORPORATION
(DELAWARE); REEL/FRAME: 014022/0822
Update Code :
2005-11

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Terms: **patno=5639119** ([Edit Search](#) | [Suggest Terms for My Search](#))

350216 (08) 5639119 June 17, 1997

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5639119

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[Link to Claims Section](#)

June 17, 1997

Forklift stabilizing apparatus

APPL-NO: 350216 (08)

FILED-DATE: December 5, 1994

GRANTED-DATE: June 17, 1997

CORE TERMS: axle, valve, cylinder, rear, conduit, main frame, boom, stabilizing, fluid, stabilizer ...

ENGLISH-ABST:

Disclosed herein is a vehicle including a frame, and a stabilizer apparatus including a pressure source, first and second fluid- actuated stabilizer assemblies connected respectively to the front and rear axles shiftably moveable on the frame, one of the first and second stabilizer assemblies normally being locked against extension and contraction in the absence of pressurization thereof by the pressure source, and the other of the first and second stabilizer assemblies normally being free to extend and contract in the absence of pressurization thereof by the pressure source, a hydraulic circuit connected between the pressure source and the first and second fluid activated stabilizer assemblies and including a flow controller operable between a first mode wherein the pressure source is disconnected from the first and second stabilizer assemblies, whereby the one of the stabilizer assemblies is locked against extension and retraction, thereby locking the axle connected thereto against shifting movement relative to the frame, and whereby the other of the stabilizer assemblies is free to extend and retract, thereby permitting shifting movement relative to the frame of the axle connected thereto, and a second mode wherein the pressure source is selectively connectible to the first and second stabilizer assemblies for selective pressurization thereof by the pressure source so as to selectively extend and retract the first and second stabilizer assemblies.

SUMMARY:

BACKGROUND OF THE INVENTION

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